

## ABSTRACT

A technology for the provision of an ultrasonic probe is disclosed, which is capable of preventing the position thereof from being displaced due to the slippage of a wire on a drive pulley and a swing pulley while swinging and enabling the easy attaching of the wire thereto while adjusting the origin position angle of an ultrasonic transducer unit in swing operation without using a position angle sensor. According to the technology, the ultrasonic probe is provided with an ultrasonic transducer unit 4 emitting ultrasonic waves by swinging, a motor 5 generating a power for swinging the ultrasonic transducer unit, a first power transmission means 10 transmitting the power, a drive means 6 rotated by the transmitted power, a cable-like second drive transmission means 8 transmitting the power by the rotation, a swing means 7 mounting thereon the ultrasonic transducer unit and swinging the ultrasonic transducer unit with the power from the rotation, a first fixing means 11 to which both ends of the second power transmission means are fixed and which is fixed to the swing means together with the fixed second power transmission means, and a second fixing means 12 fixing, to the drive means, an opposite end of the fixed and

ring-shaped second power transmission means which is opposed to the fixed end.